Amendments to the Claims:

1 (Previously Presented): A method for mapping a tag in a markup language (ML) document to a class using namespaces, comprising:

analyzing a tag in the ML document;

referencing a definition file location attribute in the ML document, wherein the definition file location attribute is identified by the tag;

retrieving a definition file from a location identified by the definition file location attribute, wherein the definition file includes a list of common language runtime namespaces, wherein each common language runtime namespace includes a list of common language classes associated with the common language runtime namespace;

referencing a common language runtime namespace related to the tag within the definition file to determine the common language runtime class associated with the tag; and

locating the common language runtime class in an assembly such that the tag is mapped to the common language runtime class.

2 (Original): The method of Claim 1, wherein analyzing a tag further comprises analyzing the tags in linear order as listed in the ML document.

3 (Previously Presented): The method of Claim 1, wherein analyzing a tag further comprises reading a prefix corresponding to an ML namespace related to the tag.

4 (Previously Presented): The method of Claim 3, further comprising defining the ML namespace using the prefix, wherein the prefix maps to an extensible markup language namespace, and wherein the definition file maps the extensible markup language namespace to a common language runtime namespace and the assembly.

5 (Original): The method of Claim 3, wherein the prefix is defined in the ML document.

6 (Original): The method of Claim 1, further comprising determining whether the definition file is available locally in a cache, and if not available, storing the retrieved definition file in the cache.

7 (Original): The method of Claim 1, wherein retrieving a definition file further comprises retrieving the definition file from a network location specified by definition file location attribute.

8 (Previously Presented): The method of Claim 1, wherein locating the common language runtime class in an assembly further comprises locating the common language runtime class in a dynamic link library, the dynamic link library comprising common language runtime classes of functions associated with the common language runtime namespace of the definition file.

9 (Original): The method of Claim 1, further comprising generating the ML document, the ML document comprising the tag and the definition file location attribute.

10 (Previously Presented): The method of Claim 1, wherein the definition file comprises a list of the common language runtime namespaces, schemas and assemblies associated with the common language runtime class related to the common language runtime namespace.

11 (Original): The method of Claim 1, wherein the namespace of the definition file is associated with a property within an element of the ML document.

12 (Previously Presented): A computer-readable storage medium having computer-executable instructions for mapping a tag in an ML document to a common language runtime class using common language runtime namespaces, the instructions comprising:

evaluating a tag in the ML document, wherein evaluating the tag comprises reading a prefix associated with an ML namespace when the prefix is present;

detecting a definition file location attribute associated with the tag in the ML document;

fetching a definition file from a location specified by the definition file location attribute, wherein the definition file includes a list of common language runtime namespaces, wherein each common language runtime namespace includes a list of common language classes associated with the common language runtime namespace;

resolving the common language runtime namespace related to the tag within the definition file to establish the common language runtime class associated with the tag; and

finding an assembly that includes the common language runtime class such that the tag is mapped to the common language runtime class, wherein the assembly comprises common language runtime classes of functions associated with the common language runtime namespace.

13 (Previously Presented): The computer-readable storage medium of Claim 12, further comprising determining whether the definition file is available locally in a cache, and if not available, storing the fetched definition file in the cache.

14 (Previously Presented): The computer-readable storage medium of Claim 12, wherein the definition file is fetched from a network location.

15 (Previously Presented): The computer-readable storage medium of Claim 12, further comprising defining the ML namespace using the prefix, wherein the prefix maps to an extensible markup language namespace, and wherein the definition file maps the extensible markup language namespace to a common language runtime namespace and the assembly.

16 (Previously Presented): The computer-readable storage medium of Claim 12, wherein the assembly comprises a dynamic link library.

17 (Previously Presented): The computer-readable storage medium of Claim 12, wherein the definition file comprises a list of the common language runtime namespaces, schemas and assemblies associated with the common language runtime class related to the common language runtime namespace.

18 (Previously Presented): The computer-readable storage medium of Claim 12, wherein the common language runtime namespace of the definition file is associated with a property within an element of the ML document.

19 (Currently Amended): A system for mapping a tag in an ML document to a common language runtime class using common language runtime namespaces, the system comprising ~~comprises~~:

a processor; and

a memory having computer-executable instructions, the computer-executable instructions being configured for:

~~means for~~ analyzing a tag in the ML document;

~~means for~~ referencing a definition file location attribute in the ML document, wherein the definition file location attribute is related to the tag;

~~means for~~ retrieving a definition file from a location specified by the definition file location attribute, wherein the definition file includes:

a schema that limits the scope of attributes in the definition file,

a list of assemblies that reference the definition file,

a list of common language runtime namespaces associated with the list of assemblies that reference the definition file, wherein each common language runtime namespace includes a list of common language classes associated with the common language runtime namespace, and

an installation tag that includes a uniform resource identifier for installing assemblies of the list of assemblies;

~~a list of common language runtime namespaces, wherein each common~~

~~language runtime namespace includes a list of common language classes associated with the common language runtime namespace;~~

~~means for~~ referencing a common language runtime namespace related to the tag within the definition file to determine the common language runtime class associated with the tag; and

~~means for~~ locating the common language runtime class in an assembly of the list of assemblies such that the tag is mapped to the common language runtime class.

20 (Currently Amended): The system of Claim 19, wherein ~~the means for~~ analyzing the tag includes reading ~~reads~~ a prefix associated with the ~~an~~ ML namespace when the prefix is present, wherein the prefix maps to an extensible markup language namespace, and wherein the definition file maps the extensible markup language namespace to a common language runtime namespace and the assembly.